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UNITED STATES DEPARTMENT OF AGRICULTURE,  
BUREAU OF BIOLOGICAL SURVEY,  
WASHINGTON, D. C.

DIRECTIONS FOR POISONING CALIFORNIA OR "DIGGER" GROUND SQUIRRELS.

Barley - clean grain .....	16 quarts
Strychnine (powdered alkaloid).....	1 ounce
Bicarbonate of soda.....	1 ounce
Thin starch paste.....	3/4 pint
Heavy corn syrup.....	1/4 pint
Glycerine.....	1 tablespoonful
Saccharine.....	1/10 ounce.

Mix 1 tablespoonful of gloss starch in 1/2 teacup of cold water, and stir into 1/2 pint of boiling water to make a thin clear paste. Remove from the stove. Sift the powdered strychnine and soda on the starch, and mix to a smooth, creamy mass. Stir in the syrup and glycerine and finally the saccharine. Apply to the grain and mix thoroughly.

Each quart of the poisoned grain is sufficient to make 40 or 50 baits. This amount, scattered along squirrel trails, or on clean, hard places on the surface about the holes will not endanger stock.





Oct. 16.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

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Barley - clean grain -----	16 quarts.
Strychnine (powdered alkaloid) -----	1 ounce.
Bicarbonate of soda (baking soda) -----	1 ounce.
Thin starch paste -----	$\frac{3}{4}$ pint.
Heavy corn sirup -----	$\frac{1}{2}$ pint.
Glycerine -----	1 tablespoonful.
Saccharine -----	1/10 ounce.

Mix thoroughly 1 ounce of powdered strychnine (alkaloid) and 1 ounce of common baking soda. Sift this into  $\frac{3}{4}$  pint of thin, hot starch paste and stir to a smooth creamy mass. (The starch paste is made by dissolv-

ing 1 heaping tablespoonful of dry gloss starch in a little cold water, which is then added to  $\frac{3}{4}$  pint of boiling water. Boil and stir constantly until a clear thin paste is formed.) Add  $\frac{1}{2}$  pint of heavy corn sirup and 1 tablespoonful of glycerine and stir thoroughly. Add 1/10 ounce of saccharine and stir thoroughly. Pour this mixture over 16 quarts of clean barley and mix well so that each grain is coated.

For mixing small quantities an ordinary galvanized wash tub is convenient. For larger quantities a tight smooth box may be used, and the mixing may be done with a spade.

Each quart of the poisoned grain is sufficient for 40 to 50 baits. This quantity scattered along squirrel trails, or on clean, hard places on the surface about the holes, will not endanger stock.

H.B.-Strychnine in any form other than the powdered strychnine alkaloid is not effective in the above formula.

C A U T I O N

All poison containers and all utensils used in the preparation of poisons should be kept PLAINLY LABELED and OUT OF REACH of children, irresponsible persons, and live stock.

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Heavy corn sirup -----	1/2 pint.
Thin starch paste -----	3/4 pint.
Glycerin -----	1 tablespoonful.

In a clean vessel mix thoroughly 1 ounce of powdered strychnin (alkaloid), 1 ounce of common baking soda, and 1/10 ounce of saccharin. Crush all lumps of the soda with mixing spoon. To this add 1/2 pint of heavy corn sirup and stir thoroughly to a smooth, creamy paste free from lumps. Over this pour 3/4 pint of thin hot starch paste and stir well. (The starch paste is made by dissolving 1 heaping tablespoonful of dry gloss starch in a little cold water which is then added to 3/4 pint of boiling water. Boil and stir constantly until a clear thin paste is formed). Add the tablespoonful of glycerin and stir thoroughly, making sure that none of the heavy sirup paste still sticks to the bottom of the container. Pour this mixture over 16 quarts of good cleaned barley and mix well so that each grain is coated.

For mixing small quantities an ordinary galvanized wash tub is convenient. For larger quantities a tight smooth box may be used, and the mixing may be done with a spade.

Each quart of the poisoned grain is sufficient for 40 to 50 baits. This quantity, scattered along squirrel trails, or on clean, hard places on the surface about the holes, will not endanger stock.

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